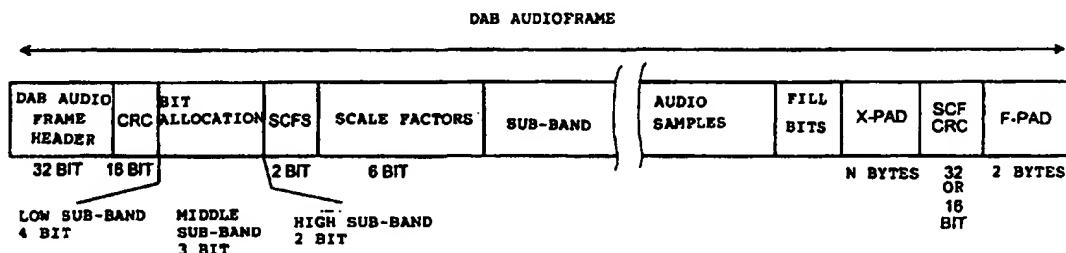




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<p>(21) International Application Number: PCT/FI96/00595</p> <p>(22) International Filing Date: 5 November 1996 (05.11.96)</p> <p>(30) Priority Data: 955357 7 November 1995 (07.11.95) FI</p> <p>(71) Applicant (for all designated States except US): OY NOKIA AB [FI/FI]; Eteläesplanadi 12, FIN-00130 Helsinki (FI).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): SALOMÄKI, Ari [FI/FI]; Ojavainionkatu 10 D 28, FIN-33710 Tampere (FI). KASSLIN, Mika [FI/FI]; Torkkelinkatu 17 A 18, FIN-00500 Helsinki (FI). PEHKONEN, Jukka [FI/FI]; Uudenkyläntie 1 B 6, FIN-36720 Aitoo (FI).</p> <p>(74) Agent: LUOTO, Kristian; Nokia Research Center, PL 45, FIN-00211 Helsinki (FI).</p>		<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b></p> <p><i>With international search report.</i>  <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>  <i>In English translation (filed in Finnish).</i></p>	

(54) Title: TRANSPORT OF AUDIO IN A DIGITAL BROADCASTING SYSTEM



## (57) Abstract

In a digital broadcasting system (DAB), audio is transmitted as a continuous stream in audio frames. According to the invention, this is achieved by transmitting exactly one audio frame in the data field of each data group. Audio can be transferred as a file, in which case a given number of successive audio frames make up an audio file and the audio file is transferred in accordance with the file transfer protocol of the system. In this case, the transfer speed may vary. Audio can be transferred in packet mode as a continuous stream and the audio frames are transferred at the same speed by forming successive data groups from audio frames coming as a stream and by selecting the transfer speed of the data packets so that the transfer speed of an audio frame assigned to the data group is the same as the transfer speed of an audio frame transmitted as a continuous stream.